



VAST.001A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David L. Hagen et al. ) Group Art Unit: Unknown  
Appl. No. : 60/418,989 ✓ )  
Filed : October 15, 2002 )  
For : DISTRIBUTED DIRECT )  
FLUID CONTACTOR )  
Examiner : Unknown )



REQUEST TO CONVERT A PROVISIONAL  
APPLICATION UNDER 37 CFR 1.53(c)

Box: CONVERSION  
United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Applicant respectfully requests for the conversion of the above referenced provisional application to a non-provisional application. In accordance with 37 CFR 1.53(c), this request includes the fee set forth in 37 CFR 1.17(i), the basic filing fee for the nonprovisional application, the surcharge set forth in 37 1.16(e) and a preliminary amendment adding a claim to the provisional application.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: September 12, 2003

09/17/2003 SLUANG1 00000002 60418989

01 FC:1001 750.00 OP

09/17/2003 SLUANG1 00000019 111410 60418989


01 FC:1460 130.00 DA  
02 FC:1051 130.00 DA

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Adjustment date: 01/07/2004 JTIPPETT  
09/17/2003 SLUANG1 00000002 60418989  
01 FC:1001 -750.00 OP

Adjustment date: 01/07/2004 JTIPPETT  
09/17/2003 SLUANG1 00000019 111410 60418989  
02 FC:1051 130.00 CR

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01 FC:1001 750.00 OP  
02 FC:1051 130.00 DA

09/12/03  
13142 U.S. PTO

PATENT

Attorney Docket No. VAST.001A

Date: September 12, 2003

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION: MAIL STOP CONVERSION

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **David L. Hagen**  
**Gary Ginter**  
**Bill Goheen**  
**Allan McGuire**  
**Janet Rankin**

For: **DISTRIBUTED DIRECT FLUID CONTACTOR**

Enclosed are:

- (X) Preliminary Amendment in four (4) pages.
- (X) Request to Convert A Provisional Application.
- (X) The present application is a continuation-in-part of U.S. Application Serial No. 10/161,159, filed May 30, 2002, now U.S. Patent No. 6,564,556, which is a continuation of U.S. Application Serial No. 09/645,986, filed Oct. 27, 2000, now abandoned, in the name of J. Lyell Ginter and entitled HIGH EFFICIENCY LOW POLLUTION HYBRID BRAYTON CYCLE COMBUSTOR which is a divisional of U.S. Application Serial No. 09/042,231, filed Mar. 11, 1998, now U.S. Patent No. 6,289,666, which is a continuation-in-part of U.S. Application Serial No. 08/232,047, filed Apr. 26, 1994, now U.S. Patent No. 5,743,080 issued Apr. 28, 1998 which is a continuation-in-part of U.S. Application Serial No. 07/967,289, filed Oct. 27, 1992, now U.S. Pat. No. 5,617,719.
- (X) Return prepaid postcard.

The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$750	\$750
Total Claims	1 - 20 =	0 ×	\$18	\$ 0
Independent Claims	1 - 3 =	0 ×	\$84	\$ 0
Total Fee				\$750

- (X) A check in the amount of \$750 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.
- (X) Please use Customer No. 20,995 for the correspondence address.

*Rabi Narula*

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